

Title (en)
OPTICAL FIBER CABLE

Title (de)
GLASFASERKABEL

Title (fr)
CABLE A FIBRE OPTIQUE

Publication
EP 3088930 B1 20190918 (EN)

Application
EP 16162554 A 20160329

Priority
JP 2015075141 A 20150401

Abstract (en)
[origin: EP3088930A1] An optical fiber cable (10) has a sectional area of A_c [μm^2] and houses a number N of optical fibers (20). A transmission loss \pm dB [dB/km], a mode field diameter W [μm], an effective area A_{eff} [μm^2], an effective length L_{eff} [km], and a wavelength dispersion D [ps/nm/km] of each of the optical fibers at a wavelength of 1550 nm satisfy a predetermined equation.

IPC 8 full level
G02B 6/44 (2006.01)

CPC (source: CN EP US)
G02B 6/02019 (2013.01 - EP US); **G02B 6/02042** (2013.01 - CN); **G02B 6/02266** (2013.01 - EP US); **G02B 6/03655** (2013.01 - US); **G02B 6/4408** (2013.01 - US); **G02B 6/4409** (2013.01 - CN EP US); **G02B 6/0281** (2013.01 - EP US); **G02B 6/03627** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 16162554 A 20160329; CN 201610196340 A 20160331; DK 16162554 T 20160329; JP 2015075141 A 20150401; US 201615084784 A 20160330